

Linyin, Cheng

Publications

- ✧ **Cheng L.**, AghaKouchak A., Gilleland E., Katz R., 2014, Non-stationary Extreme Value Analysis in a Changing Climate: A Software Package (*Climatic Change*)

NEVA package is available online:

<http://www.mathworks.com/matlabcentral/fileexchange/48238-nonstationary-extreme-value-analysis--neva--toolbox>

- ✧ **Cheng L.**, AghaKouchak A., 2014, Precipitation Intensity-Duration-Frequency Curves for Infrastructure Design in a Changing Climate (*Scientific Reports*)
- ✧ **Cheng L.**, Gilleland E., Heaton M., AghaKouchak A., 2014, Empirical Bayes estimation for the conditional extreme value model (*Stat*)
- ✧ **Cheng L.**, AghaKouchak A., 2015, A Methodology for Deriving Climate Response from Multimodel Ensemble Climate Simulations (*Journal of Hydrology*)
- ✧ **Cheng L.**, AghaKouchak A., Phillips T., 2015, Non-stationary Return Levels of Monthly Temperature Extremes based on CMIP5 Multi-Model Simulations (*Climate Dynamics*)
- ✧ AghaKouchak A., **Cheng L.**, Mazdiyasni O., Farahmand A., 2014, Global Warming and Changes in Risk of Concurrent Climate Extremes: Insights from the 2014 California Drought (*Geophysical Research Letters*)
- ✧ Nasrollahi N., AghaKouchak A., **Cheng L.**, Damberg L., Phillips T., Miao C., Hsu K., and Sorooshian S., 2015, How Well Do CMIP5 Climate Simulations Replicate Historical Trends and Patterns of Meteorological Droughts? (*Water Resources Research*)
- ✧ **Cheng L.**, Hoerling M., AghaKouchak A., Livneh B., Quan X., 2015, Current Effects of Human-induced Climate Change on California Drought (*Journal of Climate* under review)
- ✧ **Cheng L.**, Rajagopalan B., AghaKouchak A., Bracken C., 2015, A Generalized Spatio-temporal Framework for Climate-informed Extreme Precipitation Analysis (*Water Resources Research* under review)